



TENNESSEE
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TENNESSEE WEEKLY WEATHER AND CROP BULLETIN



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2000 Weather Crop 7

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Week Ending May 14, 2000

GOOD WEEK FOR FARMING ACTIVITIES

Farmers across the State of Tennessee were busy last week planting crops and cutting hay. As of Sunday, only 10 percent of the corn acreage remained to be planted with 77 percent emerged. Most was rated in good-to-excellent condition with producers applying nitrogen and spraying insecticides. Cotton planting continued to make good progress last week despite scattered rain showers. An additional 21 percent was completed, bringing the overall total to 46 percent, slightly behind last year and the five-year average. No major problems with disease or insects in the cotton acreage have been reported. The majority of the wheat acreage remains in good-to-excellent condition but disease problems continue to worry growers. Sixteen percent of the crop is turning color, slightly ahead of normal for this time of year. Hay producers are cutting hay as weather permits. Currently, 40 percent of the alfalfa and 33 percent of all other hay have been harvested. Ten percent of the State's soybean acreage has been planted. Five days were considered suitable for fieldwork last week. Rain showers hampered producers in the western part of the State, while producers in other areas had mostly clear skies. Many East Tennessee counties need moisture. As a consequence, some farmers are delaying further planting until rain arrives. Temperatures averaged from 1 degree above normal in West Tennessee to 6 degrees above normal in the East. As of Friday, topsoil moisture levels were rated 1 percent very short, 9 percent short, 76 percent adequate, and 14 percent surplus. Subsoil moisture levels were rated 1 percent very short, 15 percent short, 78 percent adequate, and 6 percent surplus.

CROP PROGRESS: Through May 14, 2000

CROP CONDITION: On May 12, 2000

Crop	This Week	Last Week	1999	Five Year Avg.	Crop	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Planted	90	81	95	89	Wheat	0	5	20	56	19
Corn - Emerged	77	65	81	N/A	Pastures	0	3	24	59	14
Soybeans - Planted	10	4	10	7	Alfalfa	0	2	22	60	16
Tobacco - Transplanted	24	6	19	18	Other Hay	0	4	27	56	13
Cotton - Planted	46	25	56	52						
Alfalfa Hay - First Cutting	40	15	38	28						
Other Hay - First Cutting	33	11	20	N/A						
Winter Wheat - Turning Color	16	N/A	13	10						

CORN: The majority of the corn was rated in good-to-excellent condition last week. Planting is winding down and growers are now turning their attention to nitrogen and pesticide applications. Armyworms are showing up in a number of Tennessee counties and producers are taking corrective measures.

TOBACCO: Growers made excellent progress last week and transplanted an additional 18 percent of the crop. As of Sunday, transplanting was running slightly ahead of last year and the five-year average.

COTTON: Forty-six percent of the crop has been planted, slightly behind last year and the five-year average. Growers made good progress during the first part of last week before rain showers moved in during the middle of the week. Growers are hoping for dry weather this week to complete planting. Cotton planted prior to last week has emerged and is doing well.

WHEAT: Crop conditions declined slightly this week due to increased disease pressure. Despite this, three quarters of the crop remains in good-to-excellent condition. As of Sunday, 16 percent of the crop was turning color, slightly ahead of normal. As of May 1, growers expected the State average yield to be 50 bushels an acre, the second highest yield on record.

PASTURES & HAY: Pastures continue to be rated in mostly fair-to-good condition, but some areas in the eastern part of the State report they are showing signs of stress due to a lack of moisture. Hay producers continue to harvest their crop between rain showers.

TEMPERATURES AND PRECIPITATION For week ending: 05/14/00 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 05/14/00				Current Week	Rain	Current	Departure	Since April 1	
	HI	LO	AVG	DFN	05/14/00	Days	Since April 1	From Normal	Total	DFN
Ames_Plantation	89	51	72	+5	0.68	2	6.95	-1.19	213	-7
Bristol	89	42	69	+7	0.09	2	3.65	-1.39	127	+55
Brownsville_TN	87	53	71	+4	1.34	2	8.21	+0.17	205	+73
Chattanooga	90	54	75	+10	0.00	0	8.96	+2.63	246	+97
Clarksville_Sew	89	54	73	+9	0.64	1	9.15	+2.76	218	+65
Cookeville	86	46	68	+6	0.53	2	9.51	+2.36	131	+81
Covington	89	52	71	+5	0.09	1	4.62	-3.49	219	+27
Crossville_AP	84	48	69	+8	0.50	2	7.84	+0.66	134	+59
Dickson_AG	86	48	69	+4	0.78	2	7.59	+0.18	161	+1
Dover_1W	86	49	71	+7	1.41	2	9.70	+2.63	174	+54
Dyersburg	84	52	71	+4	1.72	2	9.84	+2.91	218	-5
Erwin_1W	90	46	69	+9	0.06	1	4.55	-1.52	113	+5
Huntingdon_Wate	87	48	69	+4	2.20	2	8.67	+1.62	134	+4
Jackson_AG	87	52	72	+6	1.19	2	6.77	-0.89	204	+25
Kingston_AG	86	51	71	+9	0.02	1	8.23	+1.26	170	+82
Knoxville_AP	86	50	72	+9	0.16	1	8.02	+2.48	185	+74
Lewisburg	87	45	69	+6	0.20	1	9.80	+2.50	129	+15
Lexington_TN	88	52	71	+6	0.72	2	8.89	+1.89	187	+132
Linden	88	45	69	+5	0.50	1	9.18	+1.76	142	+7
Martin	87	49	70	+5	0.82	2	6.82	-0.45	181	+27
Mc_Minnville_Tn	85	48	71	+6	0.28	2	7.70	+0.94	180	-18
Memphis_AG	89	52	73	+3	1.34	2	7.56	-0.30	220	-51
Milan	88	43	69	+4	1.33	2	7.18	-0.26	138	-16
Murfreesboro_5N	86	48	69	+4	0.38	2	7.97	+1.01	121	-108
Nashville	86	50	71	+6	0.59	2	7.27	+0.64	194	+24
Newcomb	87	43	68	+8	0.22	1	6.02	-0.83	119	+67
Oneida	87	46	68	+9	0.35	2	7.50	+0.65	104	-54
Pikeville	87	45	70	+6	0.11	1	7.74	+1.19	139	+22
Portland_TN	85	50	70	+7	0.52	2	7.87	+1.18	161	+52
Pulaski_Water_P	88	49	69	+3	0.25	1	9.75	+2.98	145	-40
Savannah_6SW	90	50	73	+6	0.64	3	7.55	-0.59	200	+57
Sparta_TN	86	47	70	+7	1.21	2	8.31	+1.24	167	+72
Springfield	87	47	69	+6	0.65	2	7.60	+1.08	154	+47
Springhill	88	49	70	+7	0.74	2	8.33	+0.66	179	+66
Union_City	86	49	69	+4	0.77	2	7.13	+0.09	153	+8

DFN = Departure From Normal (Using 1961-90 Normals Period).

Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.

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